

ABSTRACT

A method for producing an α -alumina particulate is described. The method for producing an α -alumina particulate comprises
5 steps of (Ia), and (Ib), or a step of (II):

(Ia) removing water from a mixture containing water, a seed crystal and a hydrolysate obtained by hydrolysis of an aluminum compound under conditions of a pH of 5 or less and a temperature of 60°C or less,

10 (Ib) calcining the resulted powder,

(II) calcining a mixed powder containing 75-1 wt% of an α -alumina precursor (in terms of Al_2O_3) and 25-99 wt% of a seed crystal (in terms of oxide of metal component).